

**Ahrens H, Petersen B, Herrmann D, Petkov SG, Frenzel A, Hauschild-Quintern J, Lucas-Hahn A, Hassel P, Ziegler M, Baars W, Schwinzer R, Niemann H:** 2013. Production of pigs with increased xeno-relevant transgene expression. Proc. Meeting der International Xenotransplantation Association, 10.-13.11.2013, Osaka, Japan.

**Ahrens H, Petersen B, Queisser AL, Herrmann D, Kues W, Holler S, Hassel P, Lemme E, Lucas-Hahn A, Niemann H:** 2013. Generation of transgenic pigs carrying ansiRNA vector directed against Tissue Factor expression. Tagung der International Xenotransplantation Association, 10.-13.11.2013, Osaka, Japan.

**Baulain U, Frieden L, Adam F, Henning M, Tholen E:** Determination of drip loss and intramuscular fat at different positions in the porcine carcass. 64<sup>th</sup> Annual Meeting of the European Federation of Animal Science, 26.-30.08.2013 in Nantes, France.

**Bergmann A, Taylor U, Junge-Krämer S, Rath D:** Sperm binding to porcine epithelial cells: an immunological process or something more sweet ...? Seminar on Uterine Health, 07.-08.11.2013 in Uppsala, Schweden.

**Bergmann A, Taylor U, Junge-Krämer S, Rath D:** Porcine spermatozoa interact with the uterine epithelium and modulate endometrial gene expression. 14<sup>th</sup> Biennial APSA Meeting, 24.-27.11.2013 in Melbourne, VIC, Australien.

**Garrels W, Köhler P, Diederich M, Ehling C, Holler S, Kahle E, Niemann H, Ivics Z, Kues WA:** Precision genetic engineering in the pig genome and skin transplantation between members of a syngenic clone cohort carrying different vital reporter transposon. 11<sup>th</sup> Transgenic Technology Meeting (TT2013), 25.-27.02.2013 in Guangzhou/Canton, P.R. China. (Selected lecture from submitted abstract).

**Gonzalez Serrano A:** Effects of by-pass fat supplementation on oocyte quality and in-vitro development capacity in cattle herds. Universität Buenos Aires Animal Biotechnology Laboratory in Buenos Aires, 11.12.2013 in La Plata, Argentinien.

**Gonzalez Serrano A:** Nutrition, ovum pick-up (OPU) embryo development in bovine. Universidad de Rio Cuarto, 10.12.2013 in Cordoba, Argentinien.

**Groeneveld E:** Monitoring the Effective Population Sizes in Pedigreed Animal Populations through the PopREP Web Service. BIT's 2<sup>nd</sup> Annual World Congress of Biodiversity, Ecology and Environment, 25.-27.04.2013 in Nanjing, China.

**Groeneveld E, Kehr-Apelt C, Fischer R, Klunker M:** Pedigree based monitoring of the effective population size through the PopREP web service. Book of Abstracts of the 64<sup>th</sup> Annual Meeting of the European Federation of Animal Science, 26.-30.08.2013 in Nantes, France.

**Groeneveld, E:** Infrastructures Required for National Breeding Programs. National Conference on Strategic Considerations in Animal Breeding, National Institute of Animal Science, 23.10.2013 in Hanoi, Vietnam.

**Grossmann R:** The neuroendocrine brain. Key Laboratory of Animal Physiology and Biochemistry, Nanjing Agricultural University, 17.09.2013 in Nanjing, China.

**Grossmann R.:** Development of the somatotrophic axis in the chicken. College of Veterinary Medicine, Nanjing Agricultural University, 18.09.2013 in Nanjing, China.

**Grossmann R:** Growth and growth hormone. Shanghai Academy of Agricultural Science, 23.09.2013 in Shanghai, China.

**Grossmann R:** The hypothalamo - neurohypophysial system. Shanghai Academy of Agricultural Science, 24.09.2013 in Shanghai, China.

**Hauschild-Quintern J, Petersen B, Herrmann D, Lucas-Hahn A, Petkov SG, Schwinzer R, Niemann H:** 2013. Generation of triple transgenic hHO-1/GGTA-1<sup>-/-</sup>/hCD55 pigs using Zinc-Finger Nucleases and Sleeping Beauty Transposition. Meeting International Xenotransplantation Association, 10.-13.11.2013 in Osaka, Japan.

**Heinzmann J, Mattern F, Aldag P, Wrenzycki C, Haaf T, Niemann H:** Delayed fertilization of bovine oocytes after IVM affects methylation and impairs embryonic development. 46<sup>th</sup> Annual Conference of Physiology and Pathology of Reproduction, 27.-28.03.2013 in Gdansk, Poland.

**Hochberger J, Kruse E, Köhler P, Wedi E:** Successful mucosal transplantation from stomach to esophagus for stricture prevention after widespread circular endoscopic submucosal dissection (ESD) for early esophageal squamous cell carcinoma - Report of a first case in man with 1 1/2 Year Transplant Survival. 17<sup>th</sup> Annual Video Forum at Digestive Disease Week, 18.-21.05.2013 in Orlando, FL, USA.

**Kadlec K, Wendlandt S, Feßler AT, Schwarz S:** The role of plasmids in antimicrobial (multi)resistance of livestock-associated methicillin-resistant *Staphylococcus aureus*. 3<sup>rd</sup> ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and Public Health Implications, 04-07.11.2013 in Copenhagen, Denmark. (Invited lecture).

**Kues WA:** In-ovo transposition in large mammals for the generation of germline competent founders. Seminarvortrag, 23.09.2013 in Gödöllő, Hungary.

**Kues WA:** Transgenic livestock as biomedical models and active transgenesis. Seminarvortrag, 20.10.2013 in Rio Cuarto, Argentina.

**Kues WA:** Transposition into livestock genomes: an active transgenesis approach to identifying, tagging and utilizing of safe harbor loci. Seminarvortrag, 08.10.2013 in Buenos Aires, Argentina.

**Kues WA:** Transposon transgenesis in large mammals. Conference on Genome Engineering and Transposition, 18.-21.09.2013 in Budapest, Hungary. (invited lecture).

**Kues WA:** Transposon-mediated genetic engineering in the pig genome and establishment of a skin transplantation model. IMM2013 - Innovative Mouse Models-Conference, 13.-14.06.2013 in Leiden, The Netherlands. (invited lecture).

**Niemann H:** Pigs as model systems for biomedical research. 9<sup>th</sup> International Conference on Pig Reproduction (ICPR), 09.-12.06.2013 in Olsztyn, Polen. (invited lecture).

**Niemann H:** Epigenetic effects of assisted reproductive technologies (ARTs) in farm animals. 29<sup>th</sup> Scientific meeting of AETE, 05.-07.09.2013 in Istanbul, Türkei. (invited lecture).

**Niemann H:** Production and characterization of multitransgenic pigs for xenotransplantation. Conference Genetic Transformation Technologies, 14-15.02.2013 in Vienna, Austria. (invited lecture).

**Parvizi N:** GH secretion during cycle and pregnancy. Key Laboratory of Animal Physiology and Biochemistry, 18.09.2013 in Nanjing, China.

**Parvizi N:** ACTH secretion from immune cells. Key Laboratory of Animal Physiology and Biochemistry, 19.09.2013 in Nanjing, China.

**Parvizi N:** Fenvalerates and Reproduction. Key Laboratory of Animal Physiology and Biochemistry, 23.09.2013 in Nanjing, China.

**Parvizi N:** Opioids and LH secretion. Key Laboratory of Animal Physiology and Biochemistry, 24.09.2013 in Nanjing, China.

**Pedrosa VB, Eler JP, Ferraz JBS, Groeneveld E:** Utilization of weaning management group as a random effect in the estimation of genetic parameters for post-weaning traits in Nelore cattle. 50<sup>th</sup> Annual Meeting of the Brazilian Society of Animal Science, Campinas, 23.-26.07.2013 in Brasilien.

**Pedrosa VB, Groeneveld E, Eler JP, Ferraz JBS:** Comparison between bivariate and multivariate joint analyses on the selection loss. 64<sup>th</sup> Annual Meeting of the European Federation of Animal Science, 26.-30.08.2013 in Nantes, France. (Poster).

**Petkov SG:** Stem cells: Perspectives for the pig in relation to other species. 9th International conference on pig reproduction, 19.06.2013 in Olsztyn, Poland. (invited lecture).

**Rath D:** Male Reproduction. DBR Kurs, 27.06.2013 in Leahurst, U.K.

**Simianer H, Ngoc-Thuy Ha, Janßen-Tapken U, Ober U, Erbe M, Weigend A, Weigend S:** Linking phenotypic with genomic diversity in the Synbreed Chicken Diversity Panel. Proc. 8<sup>th</sup> European Poultry Genetics Symposium, WPSA Working Group 3 "Breeding and Genetics", 25.-27.09.2013 in Venice, Italy.

**Scholz AM, Bünger L, Kongsro J, Baulain U, Mitchell AD:** Non-invasive measurement of body and carcass composition in livestock by CT, DXA, MRI, and US. 64<sup>th</sup> Annual Meeting of the European Federation of Animal Science, 26.-30.08.2013 in Nantes, France.

**Talluri TR, Herrmann D, Barg-Kues B, Debowski K, Behr R, Ivics Z, Hall VJ, Rasmussen MA, Hyttel P, Niemann H, Kues WA:** Transposon-mediated reprogramming of porcine and bovine somatic cells to induced pluripotent stem cells. 46<sup>th</sup> Annual Conference of Physiology and Pathology of Reproduction, 27.-28.03.2013 in Gdansk, Poland. (Awarded with the Price of the Society for Reproductive Biology (TBR)).

**Taylor U, Junge S, Bergmann A, Brüßow K, Guenther J, Schuberth HJ, Rath D:** Control and restriction of the uterine immune reaction after insemination in pigs by inhibition of pro-inflammatory pathways. 17<sup>th</sup> Annual Conference of the ESDAR, 11.-14.09.2013 in Bologna, Italy.

**Tiedemann D, Taylor U, Kues, WA, Barcikowski S, Rath D:** Further results comparing influences of gold and silver nanoparticles on oocyte maturation and sperm viability. SPP1313 - Thematischer Workshop im Adolphe-Merkle Institut der Universität Fribourg, 13.-14.06.2013 in Fribourg, Swiss.

**Tiedemann D, Taylor U, Rehbock C, Klein S, Stuenkel M, Kues W, Barcikowski S, Rath D:** Toxic effects of gold and silver nanoparticles on the maturation process of porcine oocytes. 17<sup>th</sup> Annual Conference of the ESDAR, 11.-14.09.2013 in Bologna, Italy.

**Wang Y, Schwarz S, Wu C, Shen J:** Presence of the multi-resistance gene *cf*r in bacteria from swine and swine farm environment. 5<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, 30.06.-03.07.2013 in Ghent, Belgium.

**Wendlandt S, Ho J, Kadlec K, Feßler AT, Ehrlich R, Monecke S, O'Donoghue M, Boost M, Schwarz S:** Analysis of the genetic context of the lincosamide-pleuromutilin-streptogramin A resistance gene *lsa*(E) in methicillin-resistant *Staphylococcus aureus* of human, animal and food origin using overlapping PCR-assays. 5<sup>th</sup> Symposium on Antimicrobial Resistance in Animals and the Environment, 30.06.-03.07.2013 in Ghent, Belgium.